

=> FILE REG
FILE 'REGISTRY' ENTERED AT 15:53:35 ON 16 NOV 2006
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=> DISPLAY HISTORY FULL L1-

FILE 'REGISTRY' ENTERED AT 12:39:47 ON 16 NOV 2006
E POLYTHIOPHENE/CN

L1 1 SEA POLYTHIOPHENE/CN
E POLYPYRROLE/CN
L2 1 SEA POLYPYRROLE/CN
E POLYANILINE/CN
L3 1 SEA POLYANILINE/CN

FILE 'LREGISTRY' ENTERED AT 12:40:39 ON 16 NOV 2006

L4 STR
L5 SCR 2043
L6 1 SEA SSS SAM L4 AND L5

FILE 'REGISTRY' ENTERED AT 12:41:40 ON 16 NOV 2006

E POLYCARBAZOLE/CN
L7 1 SEA POLYCARBAZOLE/CN

FILE 'HCA' ENTERED AT 12:45:25 ON 16 NOV 2006

L8 7759 SEA L1 OR POLYTHIOPHENE#
L9 12174 SEA L2 OR POLYPYRROLE#
L10 14291 SEA L3 OR POLYANILINE#
L11 335 SEA L7 OR POLYCARBAZOLE#
L12 50645 SEA (COND# OR CONDUCT?) (2A) (POLYM? OR COPOLYM? OR
HOMOPOLYM? OR TERPOLYM? OR RESIN?)
L13 31881 SEA NANOTUB? OR NANO(2A) (TUBE# OR TUBING# OR TUBUL? OR
TUBIFORM?)

FILE 'LREGISTRY' ENTERED AT 12:46:48 ON 16 NOV 2006

L14 STR

FILE 'REGISTRY' ENTERED AT 13:10:58 ON 16 NOV 2006

L15 50 SEA SSS SAM L14
L16 SCR 2043
L17 50 SEA SSS SAM L14 NOT L16
L18 SCR 1199
L19 50 SEA SSS SAM L14 NOT (L16 OR L18)
L20 STR
L21 50 SEA SSS SAM (L14 NOT L20) NOT (L16 OR L18)
L22 34509 SEA SSS FUL (L14 NOT L20) NOT (L16 OR L18)

SAV TEM L22 NGU585/A

FILE 'HCA' ENTERED AT 13:16:38 ON 16 NOV 2006

L23 47199 SEA L22
L24 11 SEA ((L8 OR L9 OR L10 OR L11 OR L12)) AND L13 AND L23

FILE 'HCAPLUS' ENTERED AT 15:47:24 ON 16 NOV 2006

L25 1585 SEA SAITO T?/AU
L26 25604 SEA NANOTUBE#/TI
L27 1 SEA L25 AND L26
SEL RN

FILE 'REGISTRY' ENTERED AT 15:48:41 ON 16 NOV 2006

L28 10 SEA (105009-55-0/BI OR 167860-86-8/BI OR 220310-61-2/BI
L29 2 SEA L28 AND SI/ELS
L30 1 SEA L29 AND L22
L31 7 SEA L28 AND PMS/CI

FILE 'HCA' ENTERED AT 15:50:03 ON 16 NOV 2006

L32 11207 SEA L31
L33 11 SEA ((L8 OR L9 OR L10 OR L11 OR L12) OR L32) AND L13 AND
L23
L34 37 SEA HETEROCYCL?(3A)TRIMER?
L35 0 SEA L34 AND L13 AND L23

FILE 'REGISTRY' ENTERED AT 15:51:54 ON 16 NOV 2006

L36 8 SEA L28 NOT L29
L37 1 SEA L36 NOT L31

FILE 'HCA' ENTERED AT 15:52:52 ON 16 NOV 2006

L38 11 SEA L24 OR L33

=> FILE HCA

FILE 'HCA' ENTERED AT 15:54:04 ON 16 NOV 2006

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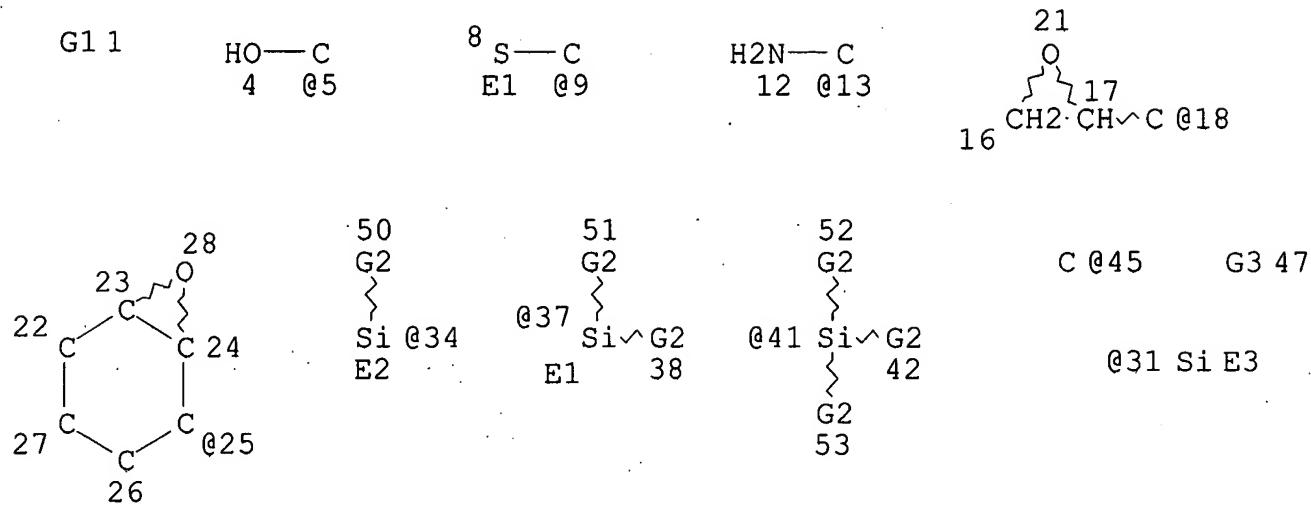
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=> D L38 1-11 CBIB ABS HITSTR HITIND

L38 ANSWER 1 OF 11 HCA COPYRIGHT 2006 ACS on STN
145:326120 Conductive inks for metal pattern formation in printed
circuits. Chung, Kwang-Choon; Cho, Hyun-Nam; Gong, Myoung-Seon;
Han, Yi-Sup; Park, Jeong-Bin; Nam, Dong-Hun; Uhm, Seong-Yong; Seo,

=> D L51 QUE STAT
L47 STR



VAR G1=5/9/13/18/25

VAR G2=45/O/N/X

VAR G3=31/34/37/41

NODE ATTRIBUTES:

```

HCOUNT  IS E1      AT      8
HCOUNT  IS E3      AT     31
HCOUNT  IS E2      AT     34
HCOUNT  IS E1      AT     37
NSPEC   IS RC      AT     45
CONNECT IS E1      RC AT     8
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

```

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 30

STEREO ATTRIBUTES: NONE

L48 SCR 2043
L49 SCR 1199
L50 STR

$$\begin{array}{c} \text{C} \\ \diagup \diagdown \\ \text{1} \quad \text{2} \end{array}$$

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 2

STEREO ATTRIBUTES: NONE

L51 34509 SEA FILE=REGISTRY SSS FUL (L47 NOT L50) NOT (L48 OR L49)

100.0% PROCESSED 464705 ITERATIONS

34509 ANSWERS

SEARCH TIME: 00.00.03